

RLS

SPORLAN VALVE COMPANY7525 SUSSEX AVENUE
ST. LOUIS, MO. 63143

August 5, 1983

United States Environmental Protection Agency
Region 7
324 East 11th Street
Kansas City, MO 64106

Attention: Mrs. Betti Harris

Subject: Interim Status

Dear Mrs. Harris:

This is a follow up to our recent telephone conversation concerning Sporlan Valve Company's present "Interim Status" as a TSD Treatment Source for hazardous waste material.

The original application under ID Number MOD006299200 listed six EPA hazardous waste numbers. They were F001, F003, F006, F008, P106, and P121.

As I explained to you on the phone, our company has made a considerable number of changes in our production facilities since we originally applied for the "Interim Status" classification.

One of the major changes involves our plating operation in our production facilities. We are no longer plating valve bodies, elements, springs, etc. Most of the plating has been replaced by a painting procedure and, in the case of our springs, we are now having them black oxide coated.

As a result, our overall plating has been reduced by approximately 90%. Personnel in the plating room has been reduced from ten to one. Therefore, we now have one man in the cleaning room and one man in our plating facility.

The painting operation, which has replaced the plating, generates very little waste material. All the waste generated is the industrial thinner used to clean our spray guns and cups at the end of the work period. This amounts to approximately 70 pounds per month, and is covered by the enclosed Material Safety Data Sheet supplied by The Sherwin Williams Company. The waste material itself is being picked up by the Wastex Research, Inc. in East St. Louis, Illinois.

EPA-ARWM/SPRS

AUG 08 1983

Region VII, Kansas City, Missouri 64106

R00007436
RCRA Records Center

Betti Harris
EPA-Region 7
Kansas City, MO

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8/5/83

Re: Interim Status

The trichloroethylene waste from our degreasing operation is being accumulated in 55 gallon drums which are marked with appropriate labeling and dates. This material along with the mineral spirits (also accumulated in 55 gallon drums which are marked accordingly) is being picked up by the Safety-Kleen Corporation on a regular basis.

Copies of the Material Safety Data Sheet on both the trichloroethylene and mineral spirits is also enclosed for your information.

The trichloroethylene and mineral spirits are being recycled by Safety-Kleen. Sporlan is now purchasing recycled trichloroethylene and mineral spirits for our production facility.

Our waste oil is being accumulated in a concrete pit located beneath the dumpster into which we dump all of our scrap metal chips. The oil is then permitted to drain off the material and into the pit. The oil is then pumped out of the pit and transported by the Gateway Petroleum Company of East St. Louis, Illinois, 62202.

The oil itself consists basically of two types. One is Houghton Cutmax #236, and the other is Sahara Oil Company #S-267 Toolsaver.

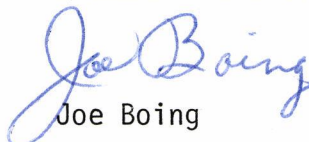
We are averaging somewhere between 100 and 200 gallons per month accumulation. Gateway is picking up the material on a regular basis or whenever called by us.

In view of the fact that we will not be storing waste materials of any kind more than 90 days, we feel it would be best to withdraw from the "Interim Status" category.

If you have any questions on this matter, or require any additional information, please do not hesitate to contact me.

Cordially yours,

SPORLAN VALVE COMPANY



Joe Boing

JDB/meb/29A

Attachments: copy of Sherwin Williams Material Safety Data Sheet
" " Safety-Kleen " " " " & Form
" " Gateway Petroleum Co. Inc. Permit Data

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor 'Essentially Similar' to form OSHA-20)

MANUFACTURER'S NAME
THE SHERWIN WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, Ohio 44115

EMERGENCY TELEPHONE NO.
(216) 566-2917

DATE OF PREPARATION
14-FEB-83

INFORMATION TELEPHONE NO.
(216) 566-2902

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Section I -- PRODUCT IDENTIFICATION

PRODUCT NUMBER
R7 K C216

* - Trade Mark

PRODUCT NAME
Industrial Thinner.

PRODUCT CLASS
Reducer

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Section II -- HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV-PPH	TLV MG/M3	LEL	V.P.
Lt. Aliphatic Hydrocarbon Solvent	<5	100	364	1.0	53.0
Toluene.	35	100	375	1.0	22.0
Xylene.	5	100	435	1.0	5.9
Methanol	<5	200	260	6.0	92.0
Ethanol	<5	1000	1900	3.3	44.0
2-Butoxyethanol	<5	25	120	1.1	0.6
Acetone.	15	750	1780	2.2	180.0
Methyl Ethyl Ketone.	15	200	590	1.8	70.0
Methyl Isobutyl Ketone.	<5	50	205	1.4	16.0
Isopropyl Acetate.	<5	250	950	1.8	42.0
Isobutyl Acetate.	5	150	700	1.3	12.0

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SECTION III -- PHYSICAL DATA

EVAPORATION RATE -- Slower than Ether	VAPOR DENSITY -- Heavier than Air
BOILING RANGE (F)	% VOLATILE VOLUME
132 - 340	100.0
	WT/GAL
	6.93

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SECTION IV -- FIRE AND EXPLOSION HAZARD

FLAMMABILITY CLASSIFICATION	FLASH POINT	1 F TCC	LEL	1.0
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RED LABEL -- Extremely Flammable, Flash below 21 F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V - HEALTH HAZARD DATA

For more information SEE HAZARDOUS INGREDIENTS SECTION II

EFFECTS OF OVEREXPOSURE

In a confined area vapors in high concentration are anesthetic.

ACUTE Irritant to skin and upper respiratory system. Overexposure may result in lightheadedness and staggering gait.

CHRONIC

EMERGENCY AND FIRST AID PROCEDURES

Remove from exposure. Restore breathing. Keep warm and quiet. If contact with eyes is made, flush with copious quantities of water for 15 minutes. For skin contact, wash affected area with water. Remove contaminated clothing and wash before reuse.

Section VI - REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

INCOMPATIBILITY Materials to avoid

CONDITIONS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

☐ MAY OCCUR

☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTED DISPOSAL METHOD

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

If engineering and administrative controls of air contaminants are not feasible, use respiratory devices approved by NIOSH/MESA for protection against spray mist and vapors.

VENTILATION

Local exhaust preferable. Mechanical (general) exhaust acceptable. Special ventilation required to keep below TLV and LEL.

PROTECTIVE GLOVES

Required for prolonged or repeated contact.

EYE PROTECTION

Safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT

Section IX - SPECIAL PRECAUTIONS

STEPS TO BE TAKEN IN HANDLING AND STORING

Contents are extremely flammable. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated. Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Harmful or fatal if swallowed. If swallowed, do not induce vomiting. Call physician at once. Avoid breathing vapor and spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash hands after using. If spilled on clothes, remove clothing and launder before reusing. Keep container closed when not in use. Do not transfer to other containers for storage. Do not take internally. Keep out of the reach of children. Consult NFPA Code. Use approved Bonding and Grounding procedures.

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME SAFETY-KLEEN CORP.		EMERGENCY TELEPHONE NO. 312-697-8460
ADDRESS (Number, Street, City, State, and ZIP Code) 655 BIG TIMBER ROAD, ELGIN, ILLINOIS 60120		
CHEMICAL NAME AND SYNONYMS Trichloroethylene, Ethylene Trichloride		TRADE NAME AND SYNONYMS Safety-Kleen Trichloroethylene
CHEMICAL FAMILY Trichloroethylene	FORMULA CHClCCl₂ 6649	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) @ 760 mm	180	SPECIFIC GRAVITY (H ₂ O=1)	1.46
VAPOR PRESSURE (mm Hg.) @ 68°F	58	PERCENT. VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	4.54	EVAPORATION RATE (— ether —=1)	0.28
SOLUBILITY IN WATER	1000 ppm		
APPEARANCE AND ODOR	Clear, colorless liquid with chloroform-like odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None (tag open cup)	FLAMMABLE LIMITS	Loi	Uoi
EXTINGUISHING MEDIA Carbon dioxide, dry chemical or foam			
SPECIAL FIRE FIGHTING PROCEDURES As appropriate for surrounding fire			
UNUSUAL FIRE AND EXPLOSION HAZARDS Above 110°F, vapors will burn but do not explode violently under any atmospheric conditions. Vapors decomposed by open flame to yield HCl gas, and phosgene gas under some conditions.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

100 ppm; 535 milligrams per cubic meter of air.

EFFECTS OF OVEREXPOSURE Skin - Defatting action can cause dermatitis. Eyes - Slight irritating sensation and lachrymation. Inhalation - Symptoms range from irritation of the nose and throat to nausea, an attitude of irresponsibility, blurred vision and finally disturbance of the central nervous system resulting in cardiac failure.

EMERGENCY AND FIRST AID PROCEDURES Eyes-Flush thoroughly with water. Skin- Wash thoroughly with soap and warm water. Apply lanolin ointment. Ingestion-Drink water and induce vomiting. Repeat three times; then administer one tablespoonful of Epson Salts in water. Inhalation-Remove to fresh air. If necessary, apply artificial respiration and/or administer oxygen.

Ingestion - Produces effects similar to inhalation.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Protect from moist air; do not store in pits, basements or unventilated areas.
INCOMPATIBILITY (Materials to avoid)			
Reacts with strong alkali to form spontaneously flammable dichloroacetylene			
HAZARDOUS DECOMPOSITION PRODUCTS			
Decomposed by open flame, giving HCl and phosgene, COCl ₂ gases.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Get personnel protective equipment. Soak up spill in absorbent material, as sand, rags, etc., or contain spill and pump into drums or containers for disposal. Wash down area with soapy water and flush with water.

WASTE DISPOSAL METHOD

Incinerate in equipment capable of handling hydrogen chloride as a product of combustion; submit to contact disposal service; or contact local pollution control agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Organic vapor-acid gas canister; self contained breathing apparatus for emergencies

VENTILATION	LOCAL EXHAUST	SPECIAL
	General room ventilation plus local exhaust at points of fume emission	OTHER

PROTECTIVE GLOVES

Neoprene, vinyl, polyethylene, etc.

EYE PROTECTION

Chemical safety goggles plus face shield

OTHER PROTECTIVE EQUIPMENT

Neoprene safety shoes; neoprene suits or aprons for splash protection

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid physical damage to drums; store in ventilated areas, not in pits or basements. Protect storage tank vents with a dryer to prevent entry of moist air.

OTHER PRECAUTIONS

Strong alkalies, such as sodium or potassium hydroxide, can react with trichloroethylene to form spontaneously flammable dichloroacetylene.

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME SAFETY-KLEEN CORP.		EMERGENCY TELEPHONE NO. 312-697-8460
ADDRESS (Number, Street, City, State, and ZIP Code) 655 BIG TIMBER ROAD, ELGIN, IL 60120		
CHEMICAL NAME AND SYNONYMS MINERAL SPIRITS		TRADE NAME AND SYNONYMS SAFETY-KLEEN 105 SOLVENT-MS
CHEMICAL FAMILY PETROLEUM HYDROCARBON FRACTION	FORMULA S-K PART #6617A _{EG} - 6614	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS 99.9+%	100	100*	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Dye	003	100	OTHERS		
OTHERS Anti-Static Additive	ppm				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
GENERALLY CLASSIFIED AS "RELATIVELY NON-TOXIC"				100	100*
EVEN THOUGH EXPOSURE MAY BE PROLONGED, IRRITATIONS ARE MILD OR					
MODERATE AND ARE REVERSIBLE					

*THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES IN WORKROOM AIR, ADOPTED BY ACGIH IN 1971

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	310-400°F	SPECIFIC GRAVITY (H ₂ O=1)	0.775-0.797
VAPOR PRESSURE (mm Hg.)	2 mm Hg @ 68°F	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	4.9	EVAPORATION RATE (Toluene = 1)	0.02
SOLUBILITY IN WATER	Negligible	% Aromatics (Total)	Less than 16%
APPEARANCE AND ODOR	Green Clear		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 109°F TCC	FLAMMABLE LIMITS	LeI 0.7	UeI 6.0
EXTINGUISHING MEDIA CO ₂ FOAM, DRY CHEMICAL, WATER (MIST ONLY)			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

100 ppm

EFFECTS OF OVEREXPOSURE

SEVERE EYE IRRITATION - DRYING OF SKIN - EXCESSIVE INHALATION CAUSES HEADACHE, DIZZINESS AND NAUSEA. HARMFUL OR FATAL IF SWALLOWED.

EMERGENCY AND FIRST AID PROCEDURES EYE CONTACT: FLUSH WITH WATER. SKIN CONTACT: WASH WITH MILD SOAP/WATER, AND APPLY SKIN CREAM. INHALATION: REMOVE TO FRESH AIR AND CALL A

PHYSICIAN; APPLY ARTIFICIAL RESPIRATION IF NECESSARY IN EXTREMES. ORAL: DO NOT INDUCE VOMITING. LAVAGE CAREFULLY IF APPRECIABLE QUANTITY WAS INGESTED. GUARD AGAINST ASPIRATION INTO LUNGS. ADMINISTER 2 to 4 OZ. OF OLIVE OIL. CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE *

CONDITIONS TO AVOID

STABLE

X

HEAT, SPARKS, OPEN FLAME AND FIRE

INCOMPATIBILITY (Materials to avoid)
STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS

NORMALLY NONE-HOWEVER, INCOMPLETE BURNING MAY YIELD CARBON MONOXIDE

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

FLUSH WITH WATER INTO RETAINING AREA OR CONTAINER. AVOID EXPOSURE TO SPARKS, FIRE OR HOT METAL SURFACES.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH COMPANY OR LOCAL, STATE OR FEDERAL REGULATIONS.

INCINERATE UNDER SAFE CONDITIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

SELF-CONTAINED BREATHING APPARATUS FOR CONCENTRATIONS ABOVE TLV LIMITS.

VENTILATION

LOCAL EXHAUST

NORMAL ROOM VENTILATION

SPECIAL

SEE SPECIAL PRECAUTIONS

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

SEE BELOW*

EYE PROTECTION

YES - NORMAL PRECAUTIONS

OTHER PROTECTIVE EQUIPMENT

*IF CONTACT IS PROLONGED, USE PROTECTIVE GLOVES OR BARRIER CREAM.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. NORMAL ROOM VENTILATION IS

USUALLY ADEQUATE. IF CLEANING OPERATIONS ARE CONFINED IN A SMALL, ENCLOSED AREA, WITH

OTHER PRECAUTIONS

NO MOVING AIR, PROVISIONS SHOULD BE MADE TO EXHAUST AIR FROM THE ROOM. AVOID LONG

AND REPEATED CONTACT WITH SKIN. AFTER PROLONGED SOLVENT CONTACT WITH HANDS, USE SKI.

CREAM TO RESTORE OR REPLACE NATURAL OILS. DO NOT INGEST. KEEP OUT OF THE REACH OF CHILDREN.

PAGE (2)

CPD 934.160



INDUSTRIAL SOLVENTS

SAFETY-KLEEN CORPORATION

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Elgin, IL 60120

EPA# ILD00805911

IL Site# 03143801

IL SWH# 1123_ _ _ **314-6974502**

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